

ABSTRACT OF THE DISCLOSURE

A computer which performs parallel processing of a plurality of programs in a time-division fashion includes hardware resources divided into a plurality of areas, an evacuation unit which records identification information identifying a first program, and evacuates information stored in an area of said plurality of areas if the area is necessary for execution of a second program and is being used for execution of the first program, and a restoration unit which restores the evacuated information to the area based on the identification information when the second program comes to a halt or to an end.